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PATENT

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Pierced  
S. Bryce  
2/2/01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Cipolla *et al.*

Examiner: Unassigned

Serial No.: 09/641,646

Group Art Unit: Unassigned

Filed: August 18, 2000

Docket: 13072

Title: "APPARATUS FOR SIMULTANEOUS  
ILLUMINATION OF TEETH"

Kalow & Springut LLP  
488 Madison Avenue, 19th Floor  
New York, New York 10022

January 24, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 CFR § 1.56,  
Applicants submit herewith the following disclosures in accordance with the provisions of 37  
CFR § 1.97 and § 1.98.

**I. U.S. PATENT DOCUMENTS**

<b><u>PATENT OR PUBLICATION NO.</u></b>	<b><u>TITLE</u></b>	<b><u>ISSUE DATE</u></b>
4,661,070 to Friedman	Method for Bleaching Discolored Teeth	Apr. 28, 1987
4,790,752 to Cheslak	Illuminated Dental Impression Tray	Dec. 13, 1988

**Certificate of Mailing Under 37.C.F.R. 1.8**

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<u>PATENT OR PUBLICATION NO.</u>	<u>TITLE</u>	<u>ISSUE DATE</u>
4,952,143 to Becker <i>et al.</i>	Dental Bleaching Instrument	Aug. 28, 1990
4,983,381 to Torres Zaragoza	Method And Device For Producing The Whitening Of Live Teeth With Pathological And Normal Colorations	Jan. 8, 1991
4,983,881 to Eliasson <i>et al.</i>	High-Power Radiation Source	Jan. 8, 1991
5,316,473 to Hare	Light Curing Apparatus And Method	May 31, 1994
5,487,662 to Kipke <i>et al.</i>	Dental Impression Tray for Photocurable Impression Material	Jan. 30, 1996
5,645,428 to Yarborough	Method For Whitening Teeth	Jul. 8, 1997
5,616,141 to Cipolla	Laser System For Use In Dental Procedures	Apr. 1, 1997
5,702,251 to McClintock, II	Applicator For Applying A Bleaching Agent To Teeth And Method Therefor	Dec. 30, 1997
5,800,165 to Kirsch <i>et al.</i>	Dental Instrument And Method Of Bleaching Teeth Using A Laser	Sep. 1, 1998
5,813,854 to Nikodem	Orthodontic Brace Installation Device	Sep. 29, 1998
Des. 399,961 to to Nikodem	Orthodontic Brace Installer	Oct. 20, 1998
Des. 399,962 to Nikodem	Orthodontic Brace Installer	Oct. 20, 1998

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<u>PATENT OR PUBLICATION NO.</u>	<u>TITLE</u>	<u>ISSUE DATE</u>
6,077,073 to Jacob	Light Emitting Diode-Array Light Apparatus	Jun. 20, 2000
6,162,055 to Montgomery et al.	Light Activated Tooth Whitening Composition and Method of Using Same	Dec. 19, 2000

## **II. FOREIGN PATENT DOCUMENTS**

<u>PATENT OR PUBLICATION NO.</u>	<u>TITLE</u>	<u>PUBLICATION DATE</u>
FR 2 645 734 A1	“Dental Treatment Unit esp.for Whitening Teeth - Comprises Mouthpiece to Cover Gums and Plate While Teeth are Treated with Bleaching Agent”	19 October 1990
EP 0 950 383 A2	Portable Photocuring Device	20 October 1999
WO 99/37236	Methods and Apparatus for Activating Dental Compositions	29 July 1999
WO 99/40870	Light-Activated Tooth Whitening Composition and Method of Using Same	19 August 1999

## **III. PUBLICATIONS**

Jandt et al., “Depth of Cure and Compressive Strength of Dental Composites Cured With Blue Light Emitting Diodes (LEDs),” *Dental Materials*, 16 (2000) 41-47.

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Stahl et al., "Light-Emitting Diode (LED) Polymerisation of Dental Composites: Flexural Properties and Polymerization Potential," *Biomaterials*, 21 (2000) 1379-1385.

"Renamel Hybrid For Class 2 Restorations," *Clinical Research Associates Newsletter*, Vol. 24, Issue 8, pp. 1-4 (August 2000).

Operating Instructions: Illuminator, *The Union Broach Bleaching System* (1987).

The items listed above are identified on Form PTO 1449 which is submitted with this statement. A copy of each of the items identified above is submitted with this statement.

If there are any questions or comments relating to the present application, the Examiner is respectfully invited to contact Applicant's attorney at the telephone number set forth below.

Respectfully submitted,



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